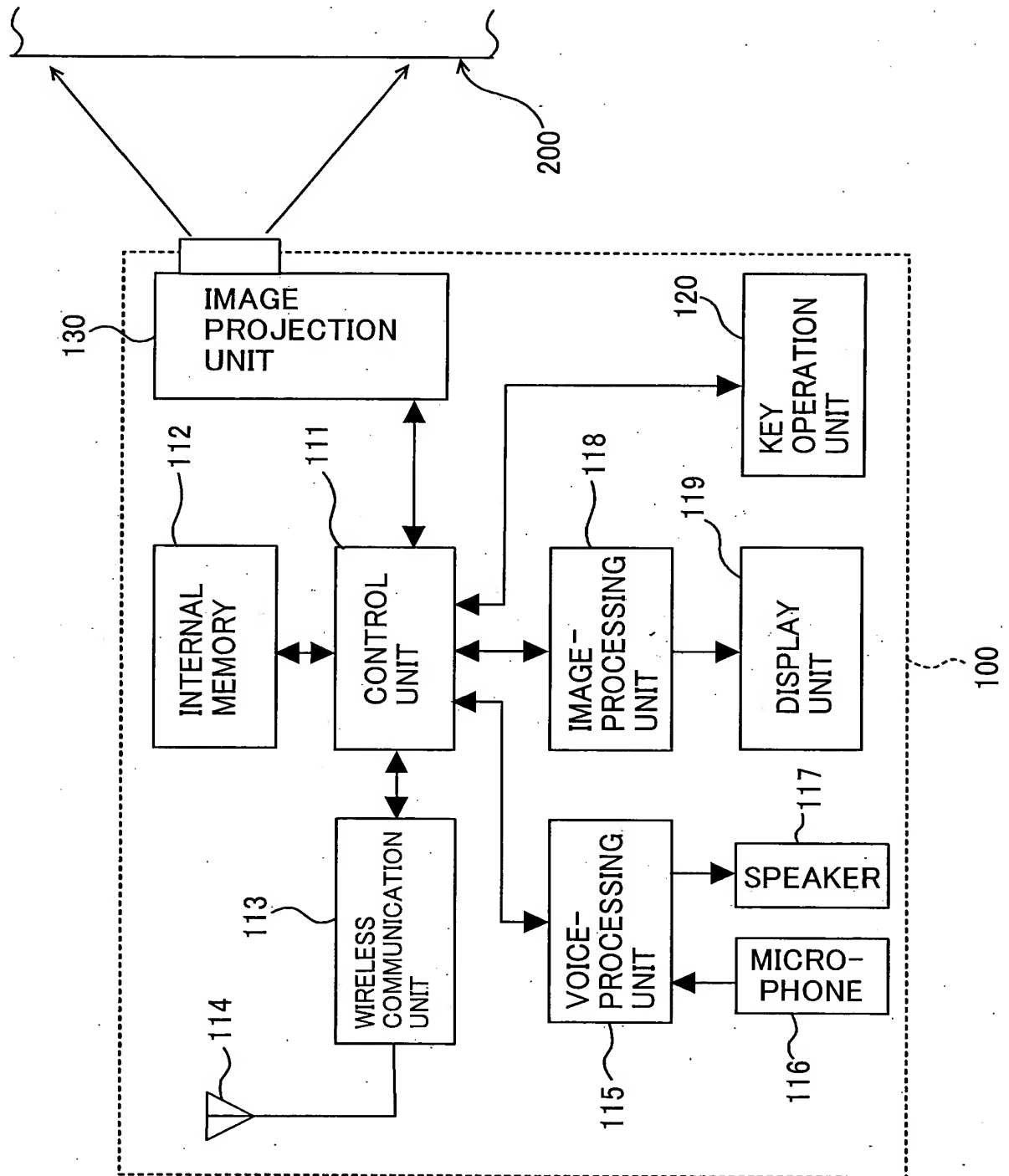


[FIG. 1]



TITLE: INFORMATION COMMUNICATION
TERMINAL

Inventor: Mikio INOUE

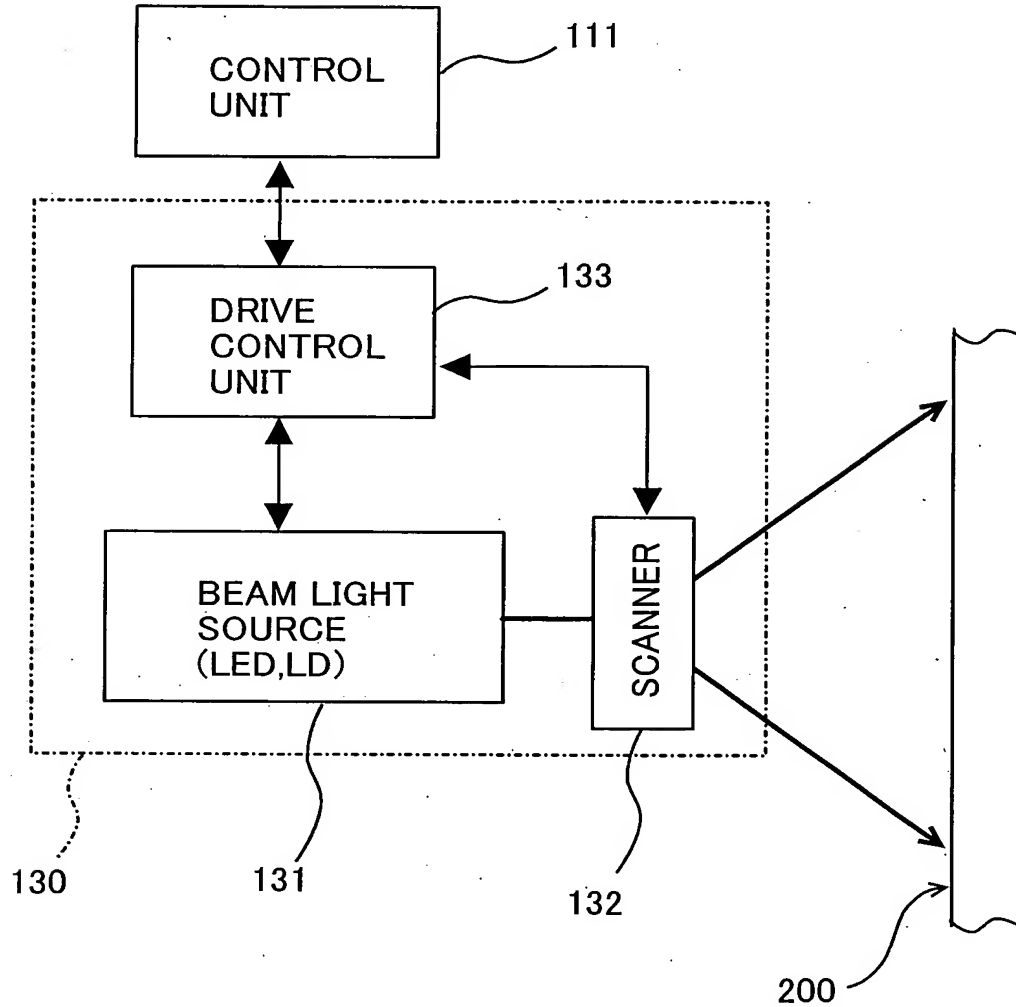
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Agent: Donald W. Muirhead Reg. No.: 33,978

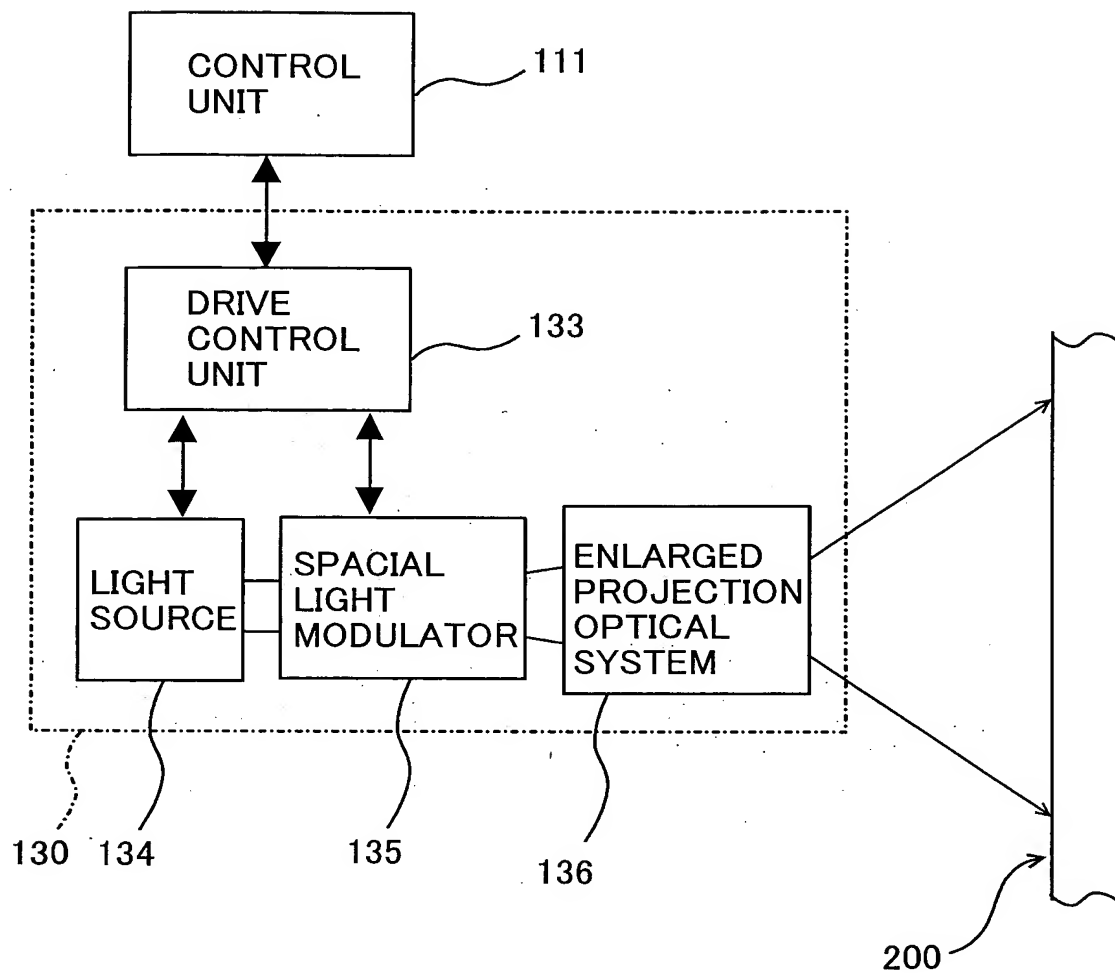
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[FIG. 2]



[FIG. 3]



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Inventor: Mikio INOUE

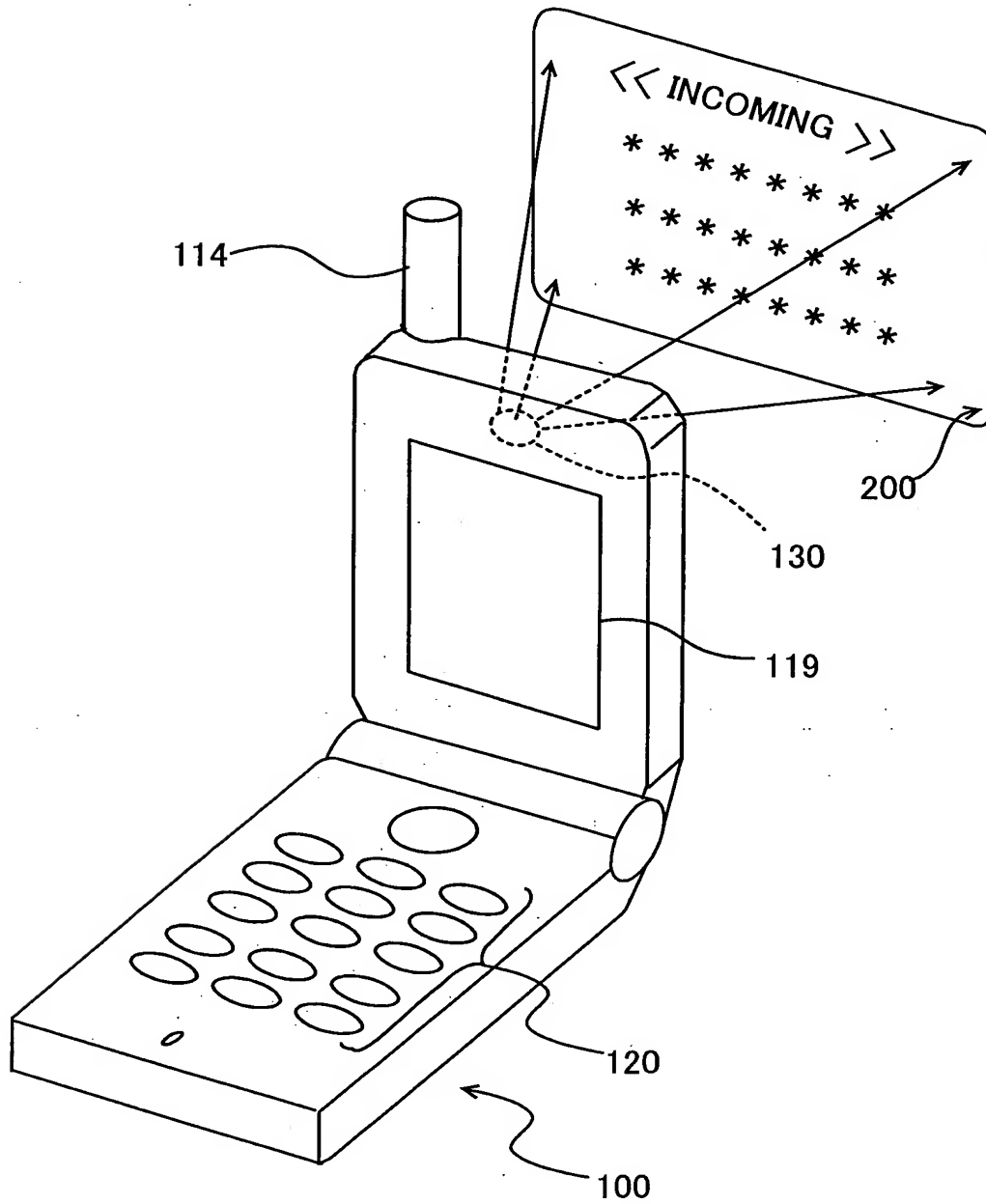
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[FIG. 4]



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Inventor: Mikio INOUE

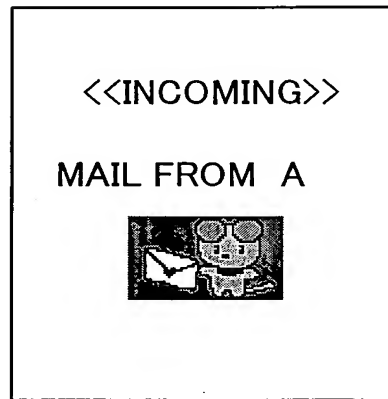
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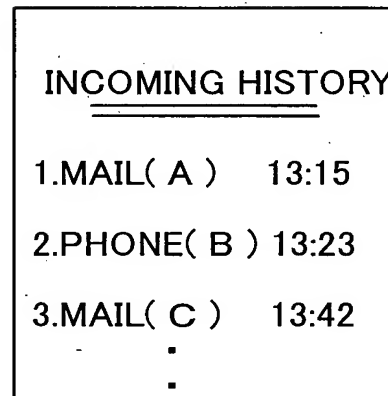
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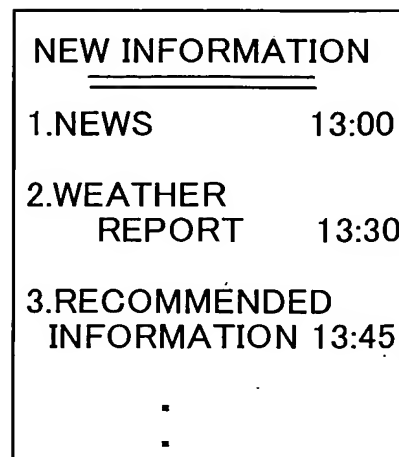
[FIG. 5A]



[FIG. 5B]



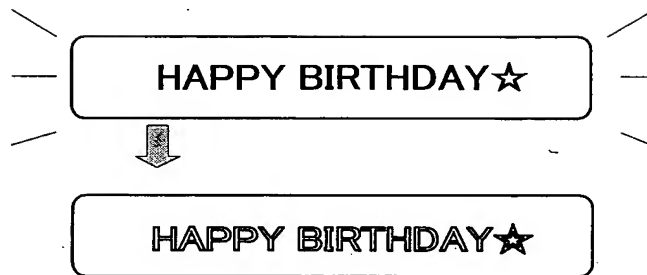
[FIG. 5C]



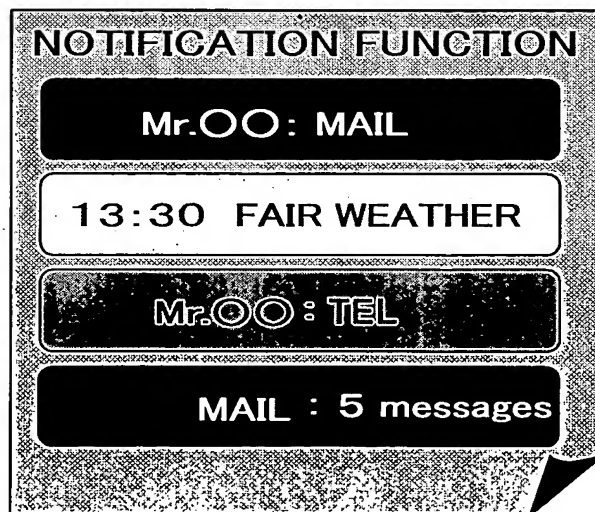
[FIG. 6A]



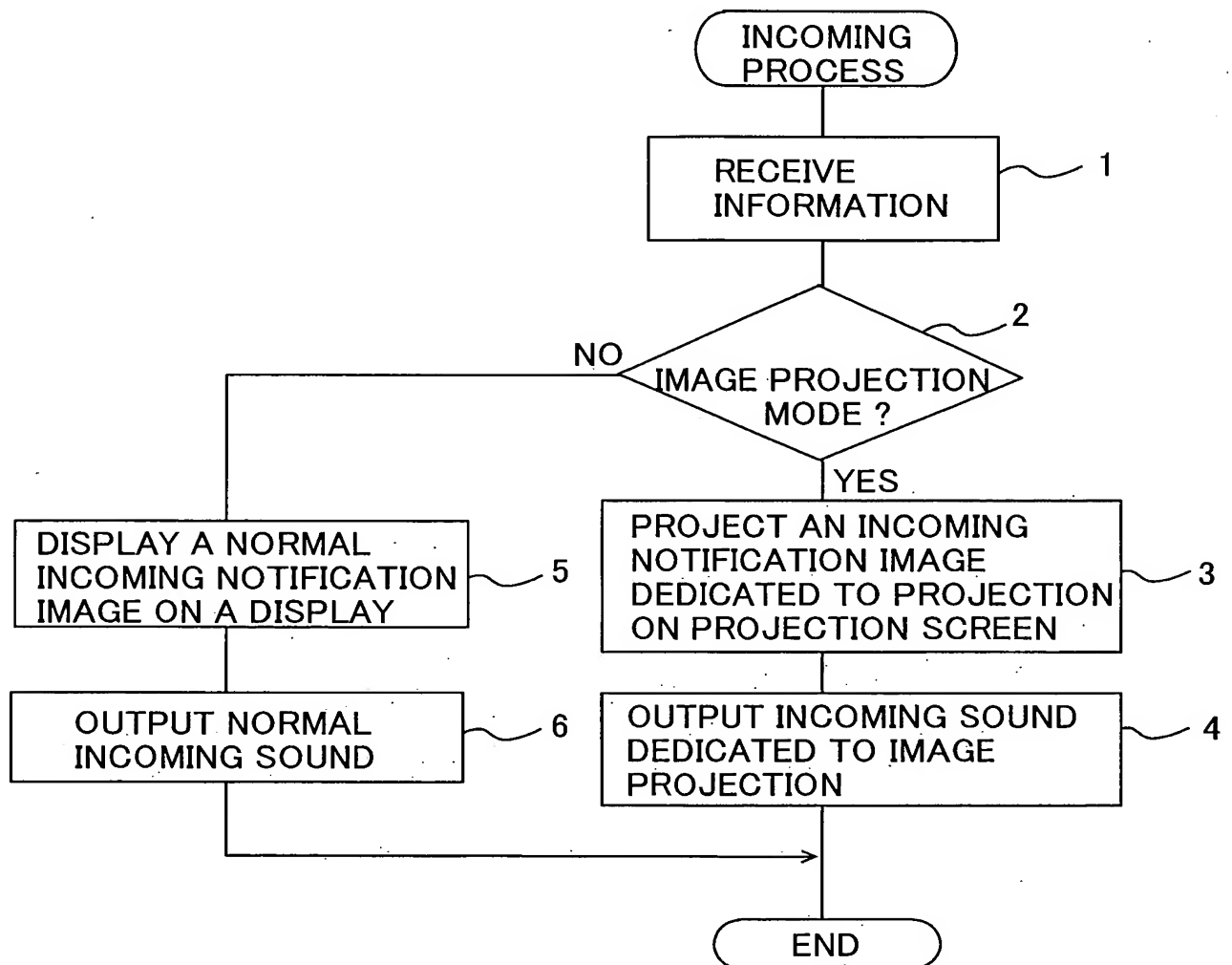
[FIG. 6B]



[FIG. 6C]



[FIG. 7]



**TITLE: INFORMATION COMMUNICATION
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Inventor: Mikio INOUE

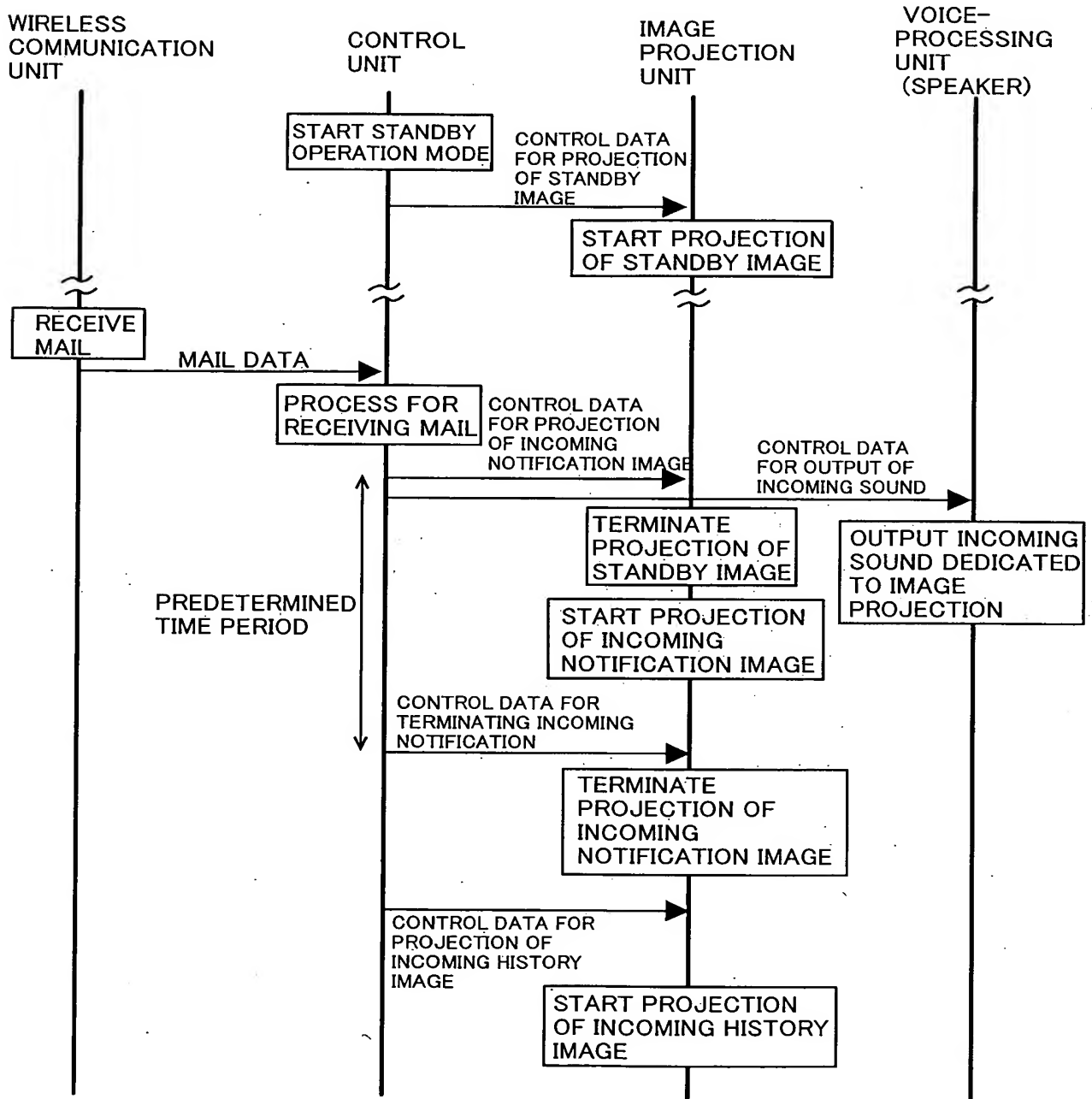
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[FIG. 8]



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Inventor: Mikio INOUE

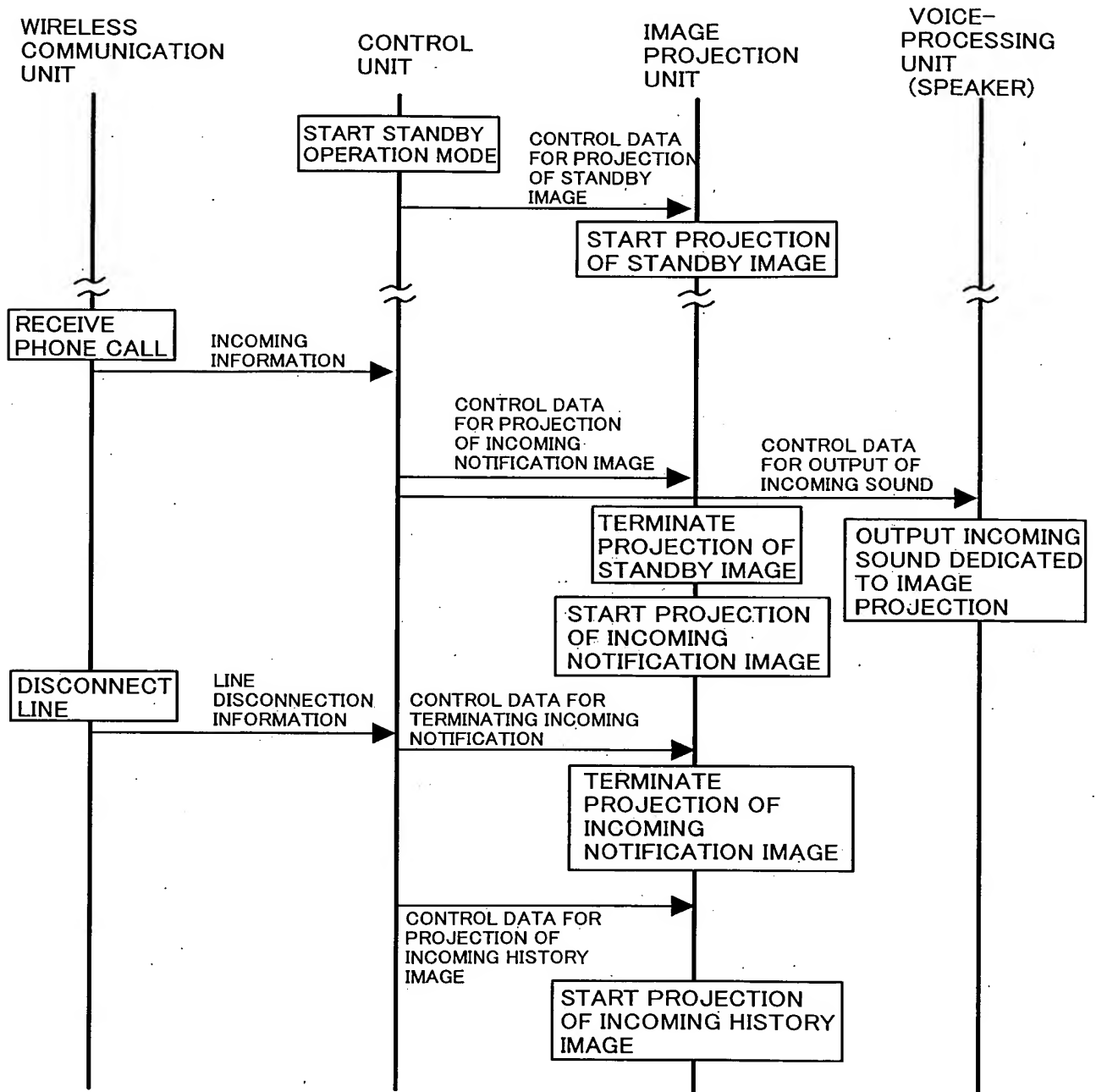
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Agent: Donald W. Muirhead Reg. No.: 33,978

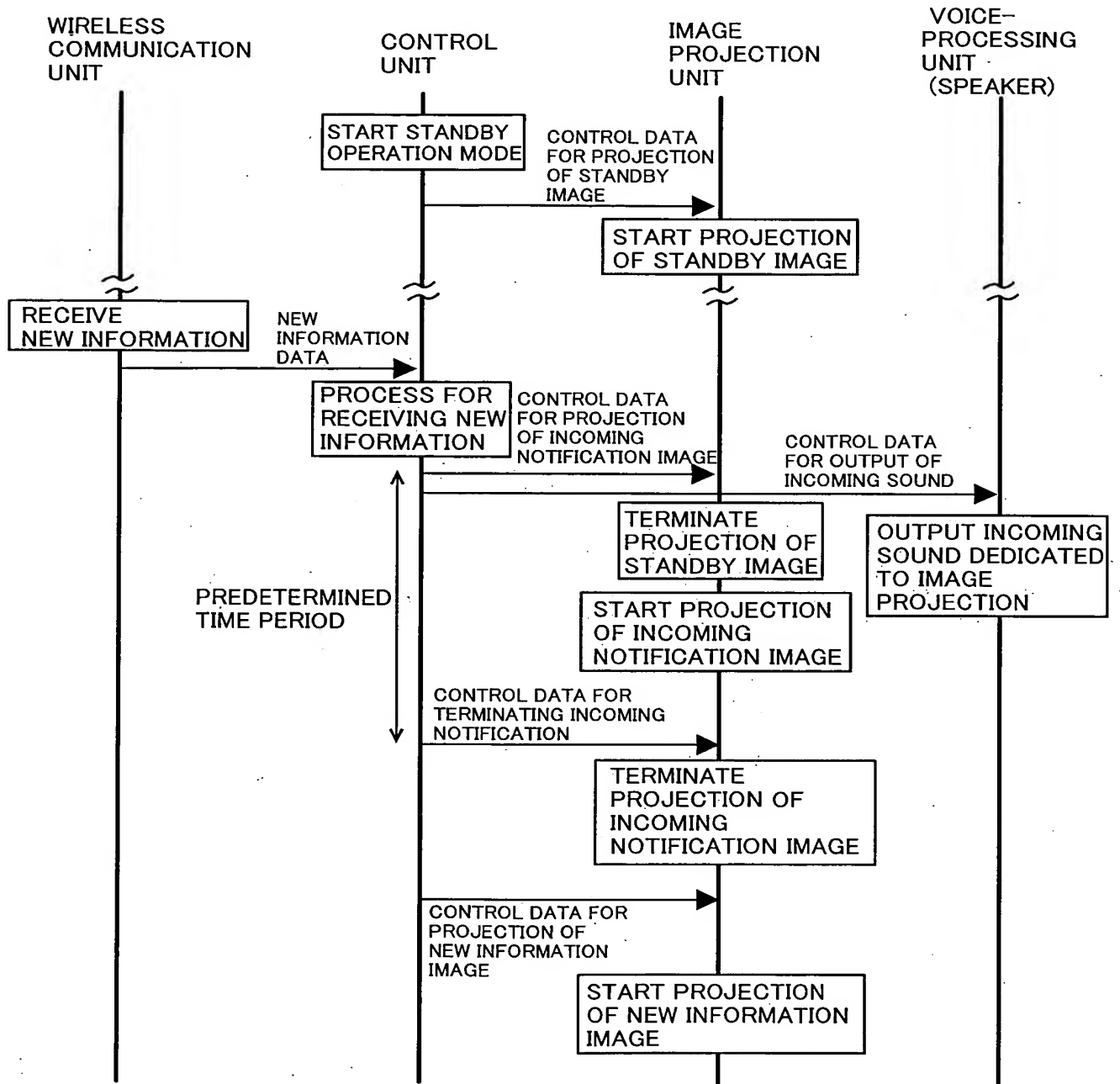
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[FIG. 9]



[FIG. 10]



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Inventor: Mikio INOUE

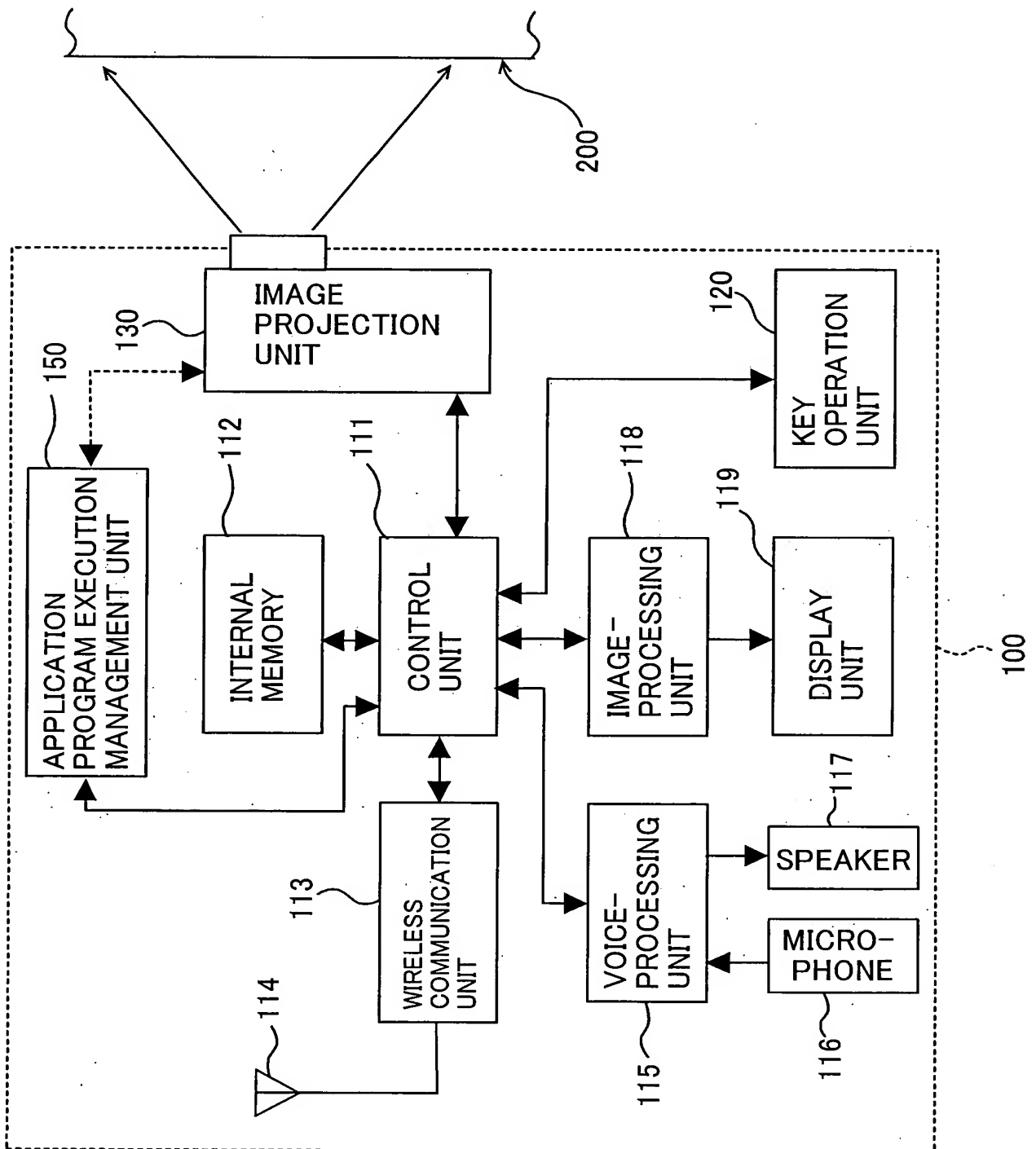
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[FIG. 11]



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Inventor: Mikio INOUE

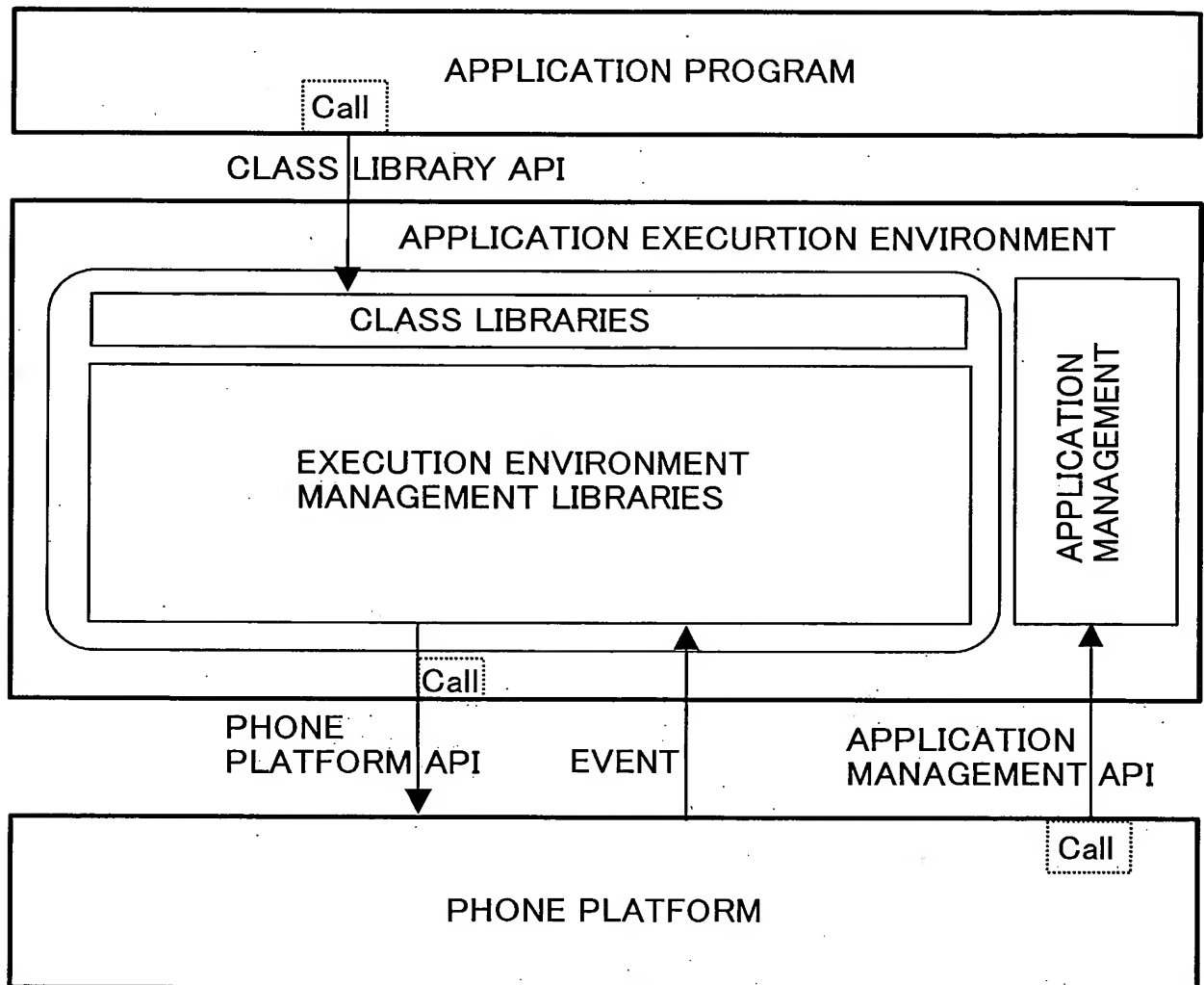
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[FIG. 12]



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The diagram illustrates the architecture of a 'PHONE PLATFORM' system, divided into two main functional areas: the 'PHONE PLATFORM' and the 'APPLICATION PROGRAM EXECUTION ENVIRONMENT'.

PHONE PLATFORM Components:

- WIRELESS COMMUNICATION UNIT:** The top-level interface unit.
- CONTROL UNIT:** Manages mail reception and data flow.
- IMAGE PROJECTION UNIT:** Handles image projection and notification.
- VOICE-PROCESSING UNIT:** Manages voice-related data and sound output.

Application Flow:

- Mail Reception:** The 'WIRELESS COMMUNICATION UNIT' sends 'MAIL DATA' to the 'RECEIVE MAIL' block, which then feeds into the 'PROCESS FOR RECEIVING MAIL' block.
- Information Exchange:** The 'VOICE-PROCESSING UNIT' sends 'INCOMING INFORMATION' to the 'APPLICATION PROGRAM EXECUTION ENVIRONMENT'. The environment responds with 'REQUEST FOR STARTING IMAGE PROJECTION' and 'REQUEST FOR OUTPUTTING INCOMING SOUND (CALL FUNCTIONS)'.
- Sound Output:** The 'VOICE-PROCESSING UNIT' sends 'OUTPUT INCOMING SOUND DEDICATED TO IMAGE PROJECTION' to the 'APPLICATION PROGRAM EXECUTION ENVIRONMENT'.
- Activation and Projection:** The 'APPLICATION PROGRAM EXECUTION ENVIRONMENT' sends an 'ACTIVATE' signal to the 'VOICE-PROCESSING UNIT', which then triggers the 'START PROJECTION OF INCOMING NOTIFICATION IMAGE' from the 'IMAGE PROJECTION UNIT'.
- Control and Feedback:** The 'IMAGE PROJECTION UNIT' sends an 'INSTRUCTION FOR ACTIVATING CONTROL DATA FOR PROJECTION OF INCOMING NOTIFICATION IMAGE' back to the 'CONTROL UNIT', which then sends 'MAIL DATA' to the 'RECEIVE MAIL' block.

Standby State: A dashed box labeled 'UNDER EXECUTION: OF APPLICATION PROGRAM FOR STANDBY' indicates the system's state when not actively processing mail or sound.

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```

sequenceDiagram
    participant WP as WIRELESS COMMUNICATION UNIT
    participant CU as CONTROL UNIT
    participant IP as IMAGE PROJECTION UNIT
    participant VP as VOICE-PROCESSING UNIT
    participant APE as APPLICATION PROGRAM EXECUTION ENVIRONMENT
    participant UES as UNDER EXECUTION OF APPLICATION PROGRAM FOR STANDBY

    WP->>WP: RECEIVE PHONE CALL
    WP->>CU: INCOMING INFORMATION
    CU->>IP: REQUEST FOR STARTING IMAGE PROJECTION
    IP->>VP: REQUEST FOR OUTPUTTING INCOMING SOUND
    VP->>CU: INSTRUCTION FOR ACTIVATING CONTROL DATA FOR PROJECTION OF INCOMING NOTIFICATION IMAGE
    CU->>IP: ACTIVATE
    IP->>VP: START PROJECTION OF INCOMING NOTIFICATION IMAGE
    VP->>VP: CONTROL DATA FOR OUTPUT OF INCOMING SOUND
    VP->>VP: OUTPUT INCOMING SOUND DEDICATED TO IMAGE TO IMAGE PROJECTION
    APE->>APE: INCOMING INFORMATION
    APE->>APE: REQUEST FOR STARTING IMAGE PROJECTION
    APE->>APE: REQUEST FOR OUTPUTTING INCOMING SOUND (CALL FUNCTIONS)
  
```

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Inventor: Mikio INOUE

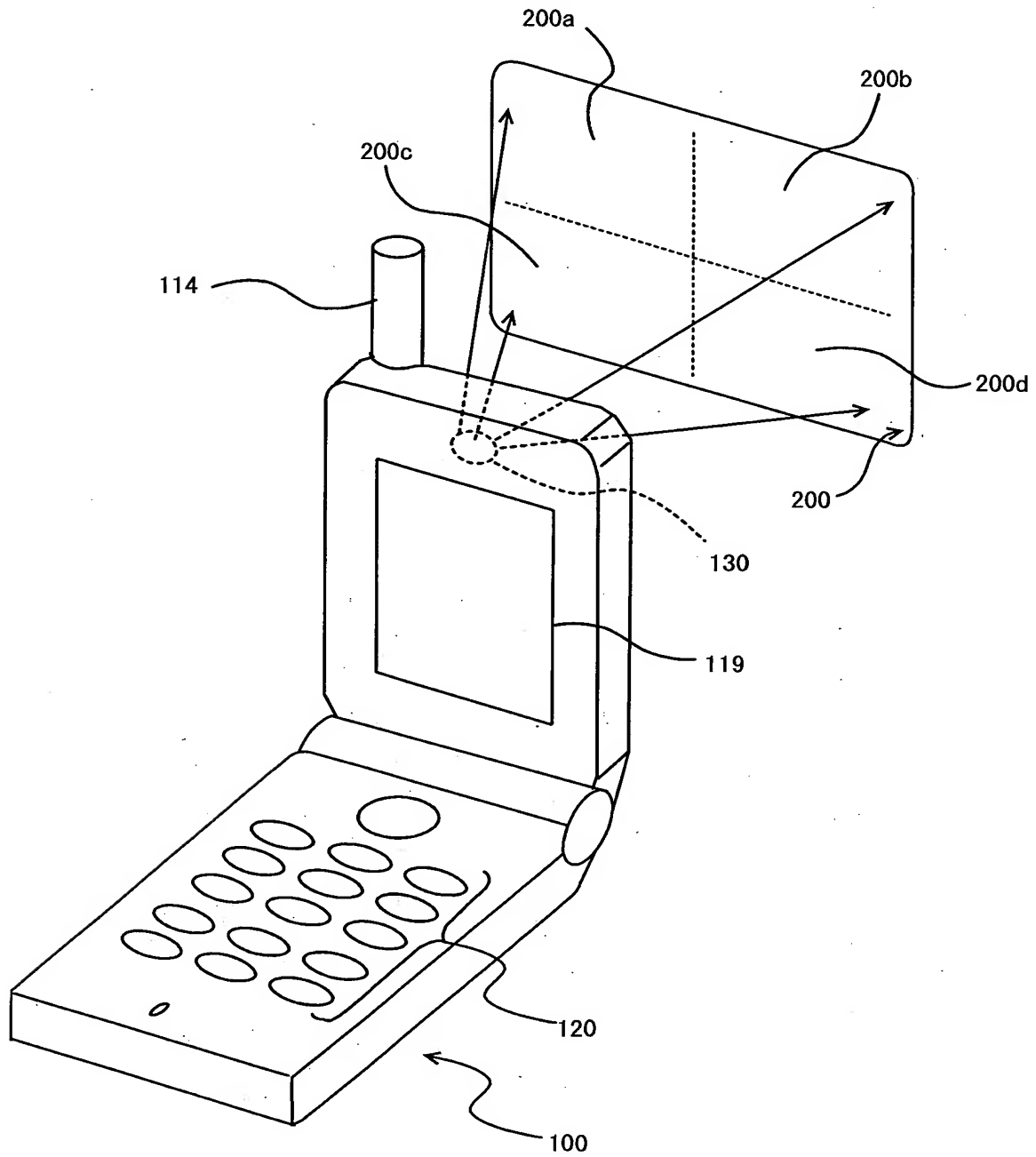
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[FIG. 15]



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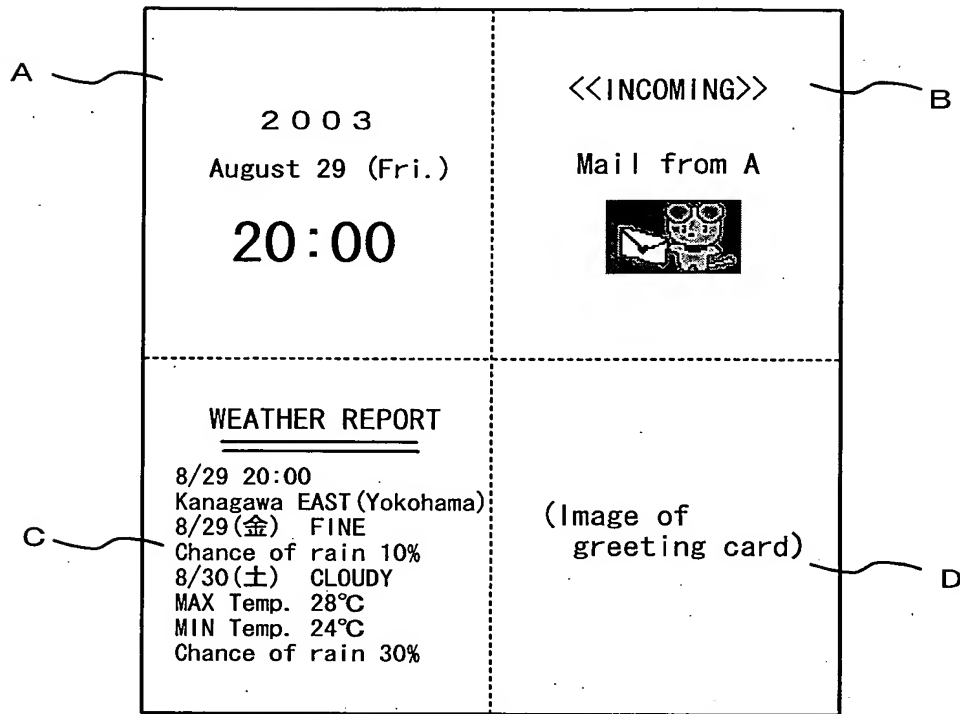
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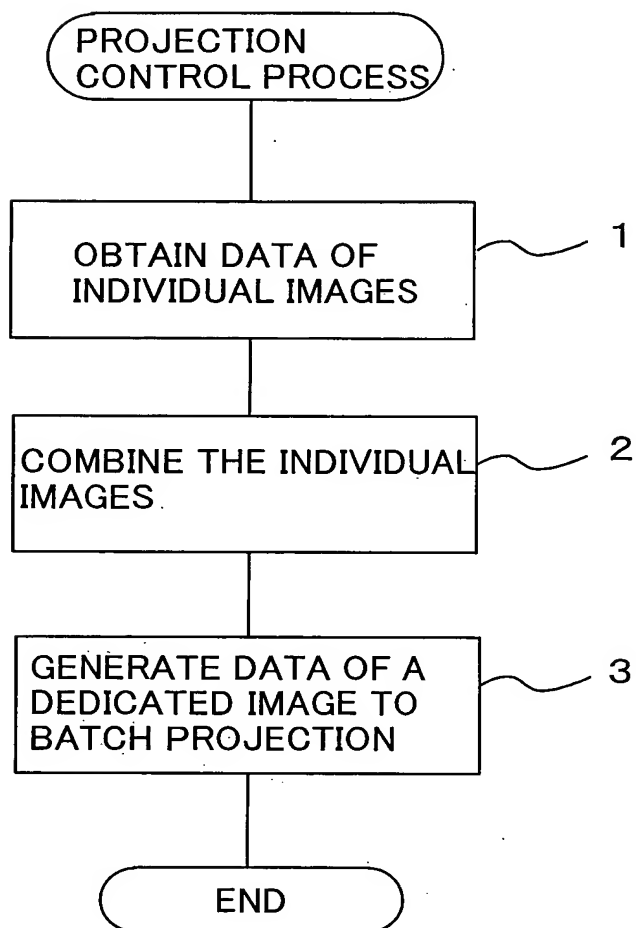
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[FIG. 16]



[FIG. 17]



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Inventor: Mikio INOUE

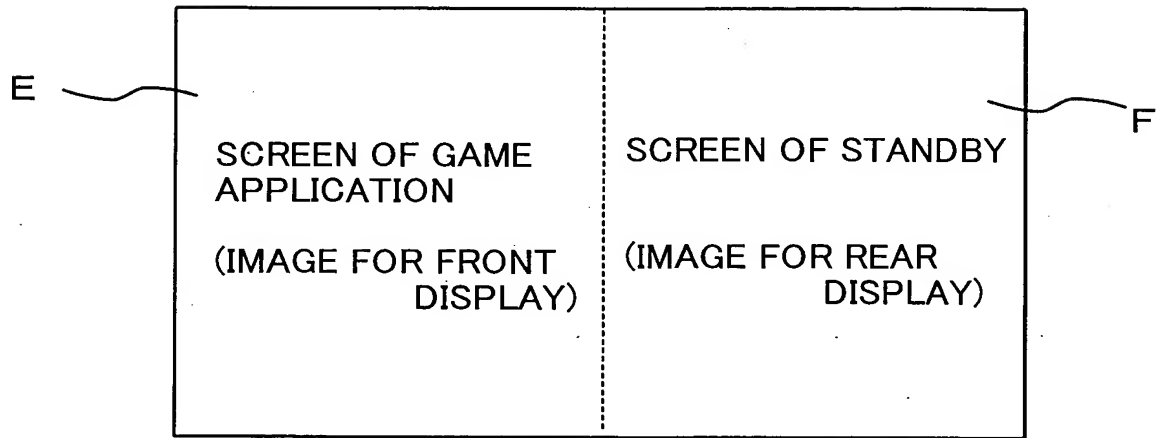
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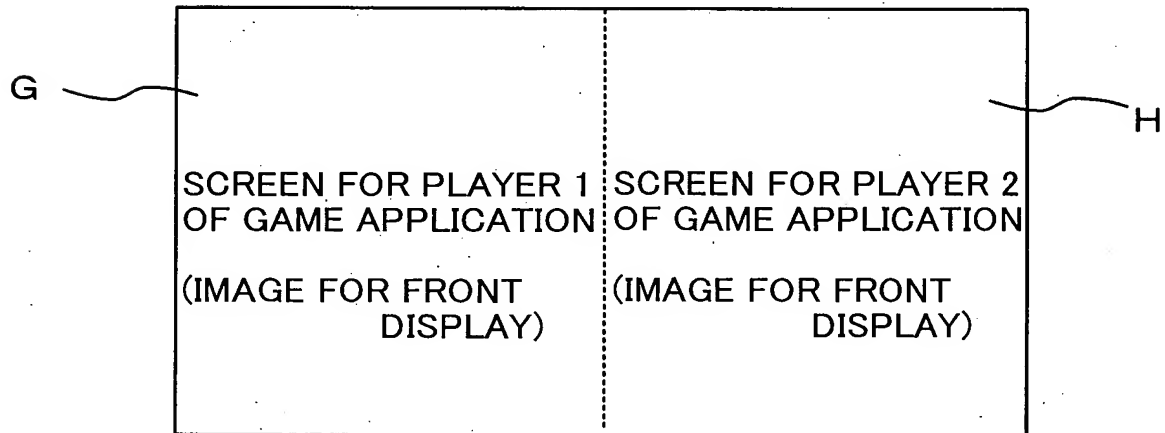
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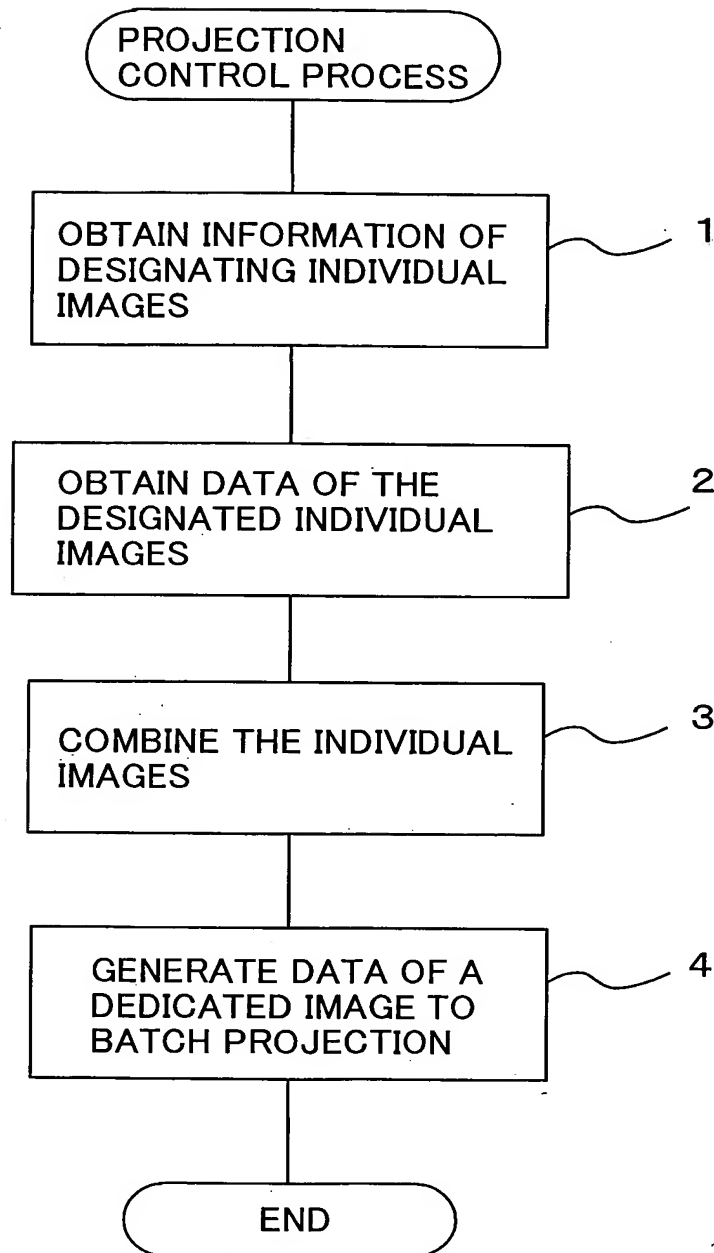
[FIG. 18A]



[FIG. 18B]



[FIG. 19]



**TITLE: INFORMATION COMMUNICATION
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Inventor: Mikio INOUE

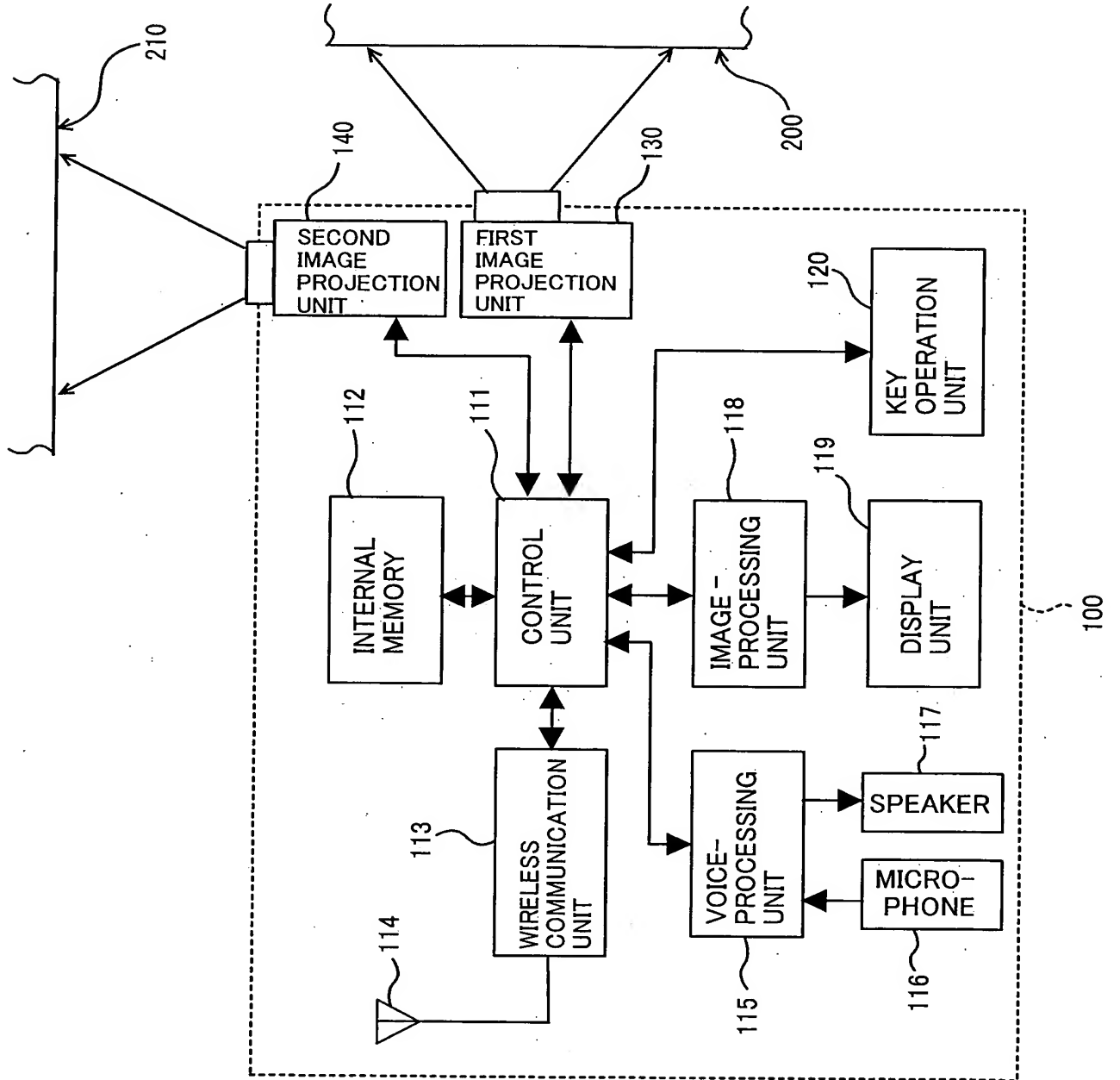
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Agent: Donald W. Muirhead Reg. No.: 33,978

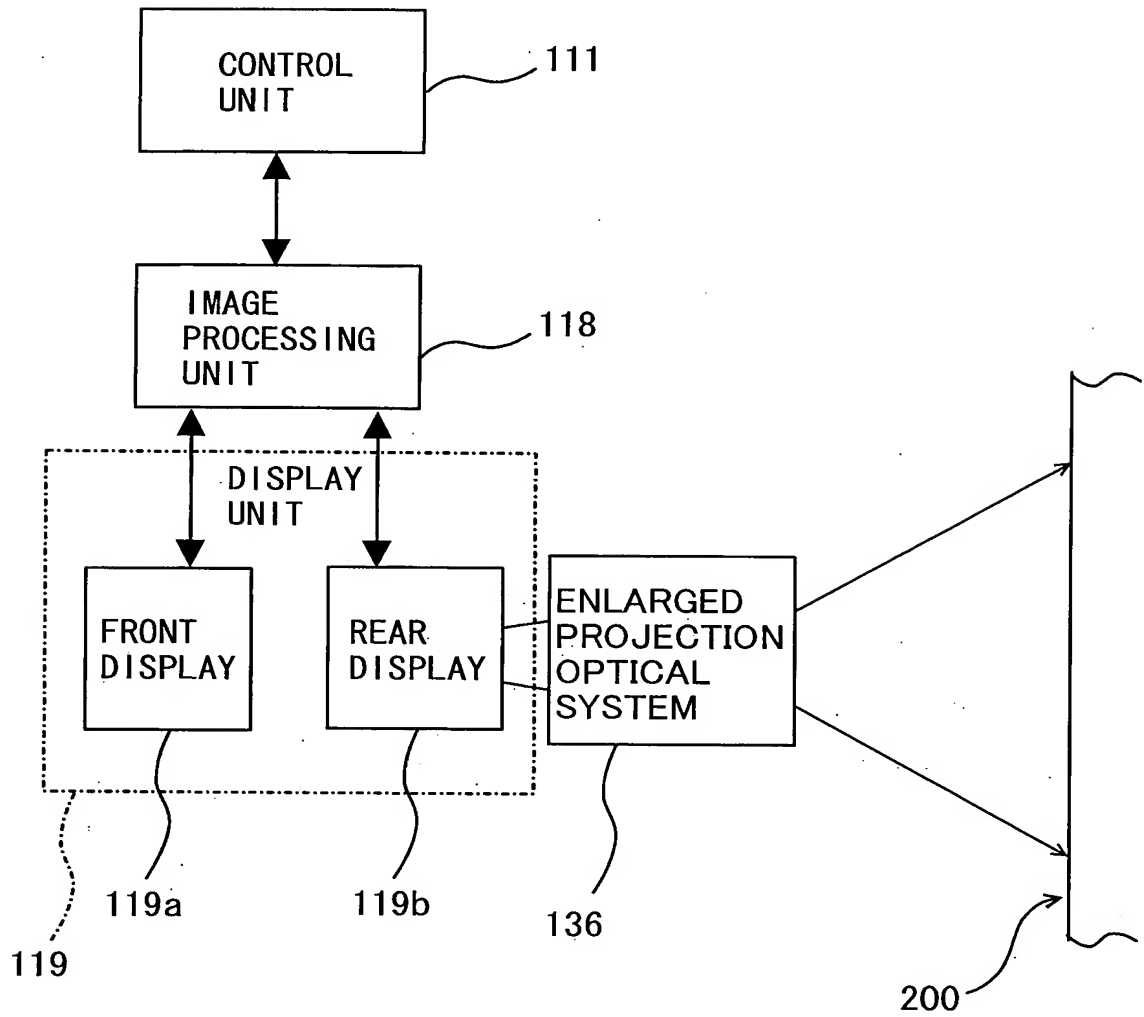
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[FIG. 20]



[FIG. 21]



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Inventor: Mikio INOUE

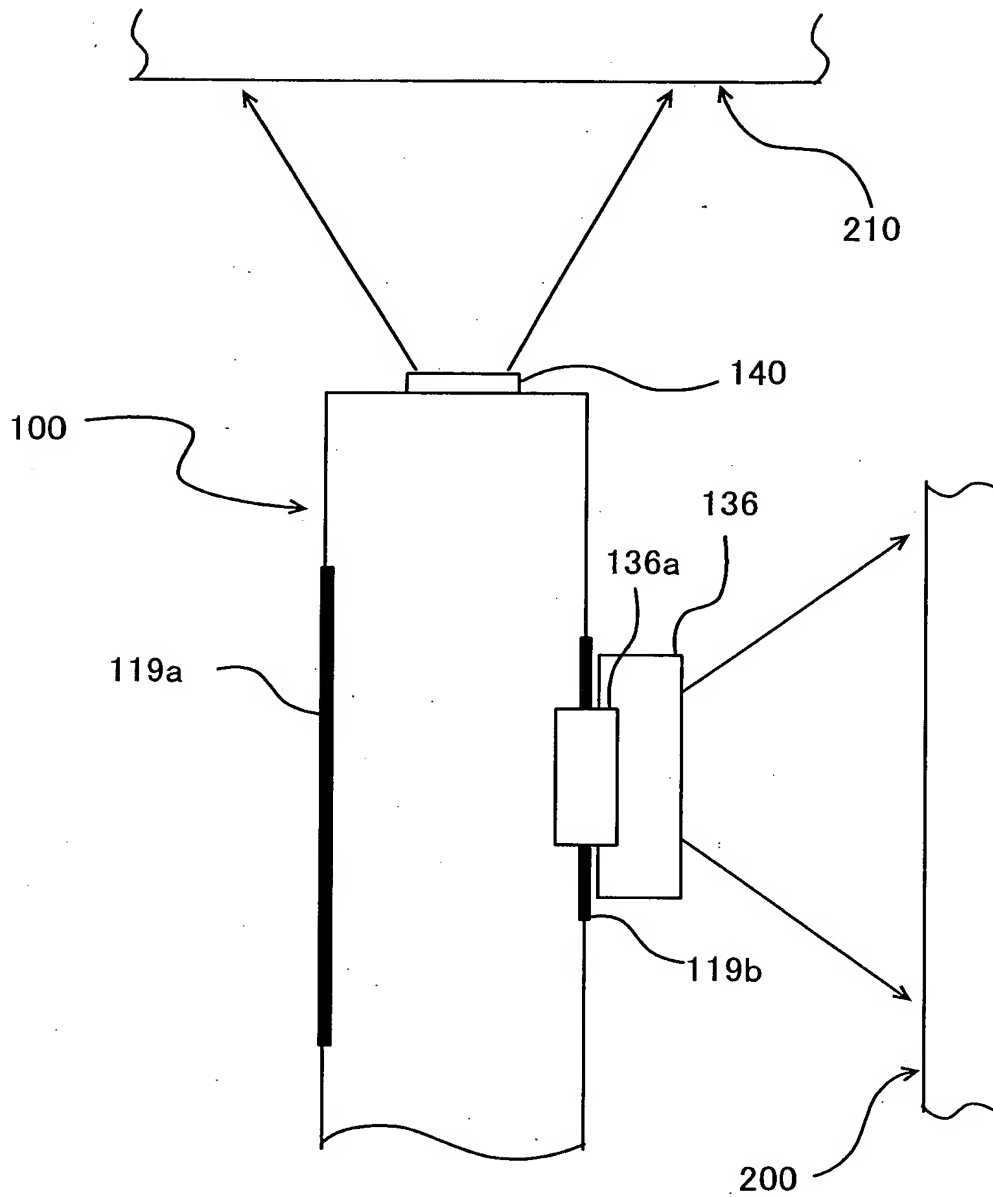
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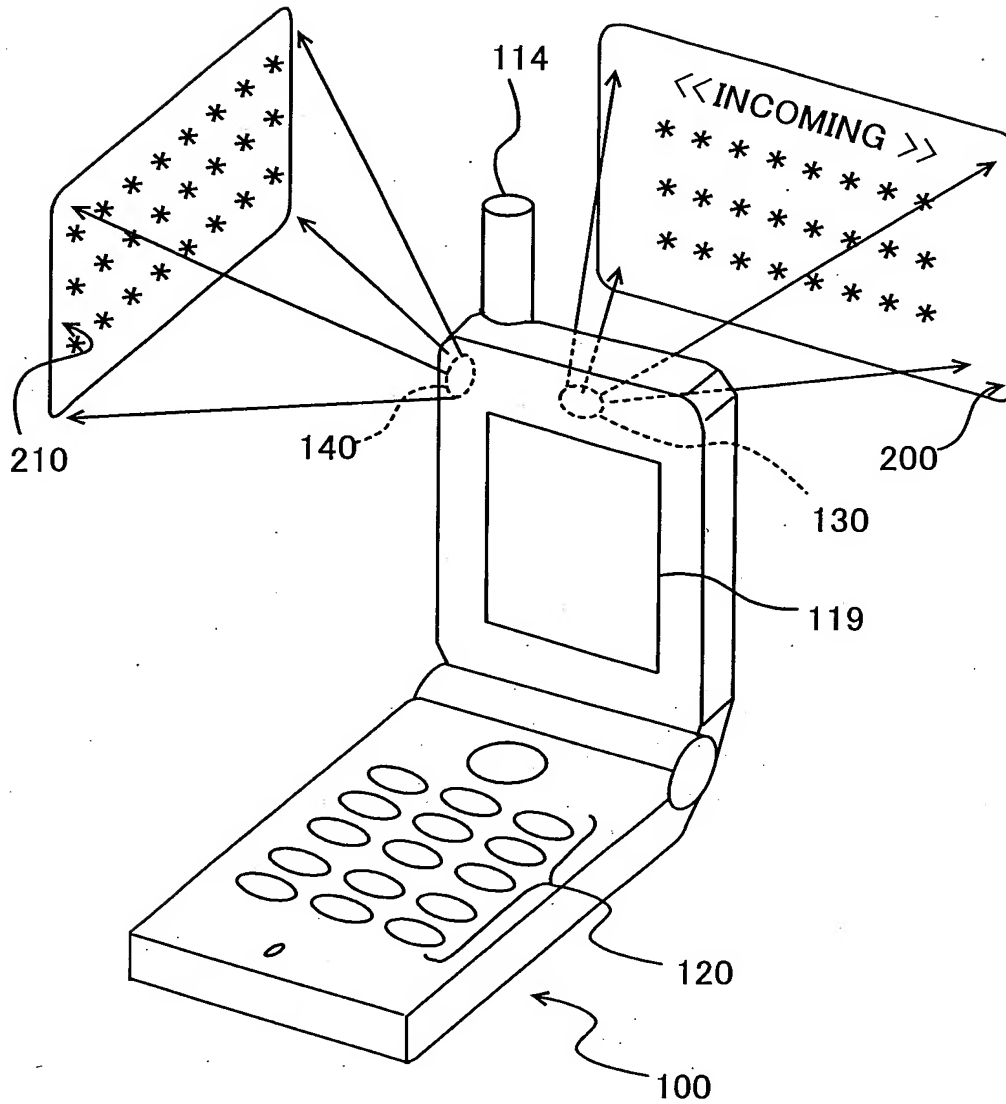
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[FIG. 22]



[FIG. 23]



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